

**(19) World Intellectual Property
Organization
International Bureau**



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/055856 A3

(51) International Patent Classification⁷: H01J 37/145.
37/317

(21) International Application Number:
PCT/EP2003/014140

(22) International Filing Date:
12 December 2003 (12.12.2003)

(25) Filing Language: English

(26) **Publication Language:** English

(30) Priority Data:
02 028 345.3 17 December 2002 (17.12.2002) EP

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, ME, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States (regional):** ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

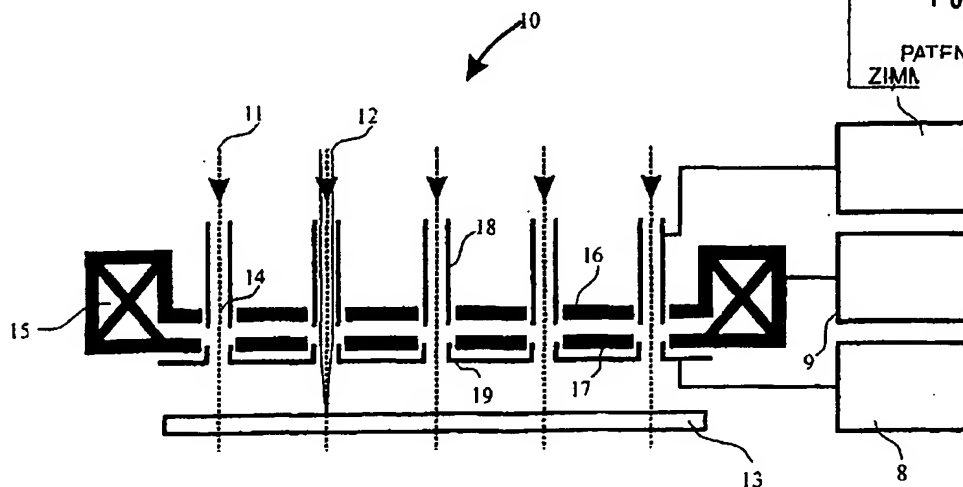
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
12 August 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTI-AXIS COMPOUND LENS, BEAM SYSTEM MAKING USE OF THE COMPOUND LENS, AND METHOD USING THE COMPOUND LENS



(57) Abstract: The invention provides an optical system for a charged particle multi-beam system. The optical system comprises an electrostatic lens component and a magnetic lens component. The components are used to focus a plurality of charged particle beams in a separate opening for each of at least a plurality a charged particle beams traveling through the optical system.

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/14140

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J37/145 H01J37/317

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	HARAGUCHI T ET AL: "Development of electromagnetic lenses for multielectron beam lithography system" JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B (MICROELECTRONICS AND NANOMETER STRUCTURES), NOV. 2002, AIP FOR AMERICAN VACUUM SOC, USA, vol. 20, no. 6, November 2002 (2002-11), pages 2726-2729, XP002251379 ISSN: 0734-211X the whole document	1,21

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

11 June 2004

Date of mailing of the international search report

18/06/2004

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